```
?ds

Set       Items     Description
S1         2815     XML OR EXTENSIBLE()MARKUP OR EXTENSIBLE()MARK()UP
S2          188     S1 AND SCHEMA?
S3           23     S2 AND (VALIDAT? OR PARSE)
S4            8     S3 NOT PY>2000
S5            4     S2 AND VALIDITY
S6            3     S5 NOT S4
?show files
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jan
         (c)2003 Info.Sources Inc
?
```

4/5,K/1

01724718   DOCUMENT TYPE: Product

PRODUCT NAME: DynaTag 4.0 (724718)

eBusiness Technologies (672963)
299 Promenade St
Providence, RI   02908   United States
TELEPHONE: (401) 752-4400

RECORD TYPE: Directory

CONTACT: Sales Department

DynaTag 4.0 (R) is a value-added conversion technology for Inso's
end-to-end **XML** publishing solution. DynaTag is a Data Rescue Module for
converting proprietary formats to **Extensible   Markup** Language (**XML**).
DynaTag 4.0 is an easy-to-use module of the DynaText (R) Professional
Publishing System. It adds value to proprietary word processing and desktop
publishing formats by converting them to structured **XML** or Standard
Generalized Markup Language (SGML) content. DynaTag 4.0 converts Microsoft
Word, Adobe FrameMaker, and Interleaf files into **XML** or SGML. The product
allows nonprogrammers to add value to proprietary formats by converting
them to open, standards-based, structured content. DynaTag provides an
intuitive graphical user interface (GUI) and batch conversion abilities.
DynaTag 4.0 is the first new release of the product in over two years, and
more easily marks up text with tags. DynaTag has always produced
well-formed SGML in a tagged document that was valid against a DTD derived
from the original instance. Therefore, the DynaTagged SGML had the proper
set of start and end tags, but there was no way to enforce a predetermined
structure. About 70 percent of Inso users use DynaTag to prepare their
documents, which means that over 10 percent of annual SGML publishing has
been done without the use of a predefined document **schema** . The new
release moves closer to the idea of **schema   validation** , and gives the
user some control over the structure of the tagged document. The major
enhancement, however, is a much better user interface that demonstrates a
good understanding of how a user might want to add structure to text and
that provides wizards to guide the user through the most common
configurations of lists, tables, and project mappings.

DESCRIPTORS: Electronic Publishing; Publishing; File Conversion; Desktop
     Publishing Utilities; Internet Utilities; Standards

HARDWARE: IBM PC & Compatibles; Hardware Independent
OPERATING SYSTEM: Microsoft Word
PROGRAM LANGUAGES: XML; SGML
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Publishing
PRICE: Available upon request; approximately $15,000 - five-user license

REVISION DATE: 001011

...4.0 (R) is a value-added conversion technology for Inso's end-to-end
XML publishing solution. DynaTag is a Data Rescue Module for converting
proprietary formats to **Extensible   Markup** Language (**XML**). DynaTag 4.0
is an easy-to-use module of the DynaText (R) Professional Publishing...

...adds value to proprietary word processing and desktop publishing formats
by converting them to structured **XML** or Standard Generalized Markup
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FrameMaker, and Interleaf files into **XML** or SGML. The product allows
nonprogrammers to add value to proprietary formats by converting them...

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predefined document **schema** . The new release moves closer to the idea of
schema **validation** , and gives the user some control over the structure of
the tagged document. The major...

4/5,K/2
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01120669   DOCUMENT TYPE: Product

PRODUCT NAME: GoXML DB (120669)

XML Global Technologies Inc (721191
230 Park Ave #1552
New York, NY 10169 United States
TELEPHONE: (212) 681-4309

RECORD TYPE: Directory

CONTACT: Sales Department

XML Global Technologies' GoXML (TM) DB is a native **XML** database that
allows organizations to store **XML** content in its original format. The
system provides users with efficient storage and data retrieval features.
It limits multiple conversions between **XML** and relational formats. It
also offers **schema** **validation** and XQuery features. XQuery extensions
enable users to insert, update, and delete options at document, element,
and attribute levels. GoXML DB's Query Builder and Index Manager streamline
query and index construction tasks. The system also includes full-text
indexing and search features. The **XML** Spy e-Forms Browser Plug-in
supports Web-based data entry. GoXML DB works with GoXML Transform's
mapping and transformation tools. A free evaluation version of the product
can be downloaded from the **XML** vendor's Web site.

DESCRIPTORS: Database Management; Database Publishing; Program Development

HARDWARE: IBM PC & Compatibles; Sun
OPERATING SYSTEM: Linux; Solaris; Windows NT/2000
PROGRAM LANGUAGES: XML
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry
PRICE: Available upon request; Internet demo available

REVISION DATE: 021231

XML Global Technologies Inc...

XML Global Technologies' GoXML (TM) DB is a native **XML** database that
allows organizations to store **XML** content in its original format. The
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It limits multiple conversions between **XML** and relational formats. It
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enable users to insert, update, and delete options at document...

...and index construction tasks. The system also includes full-text
indexing and search features. The **XML** Spy e-Forms Browser Plug-in
supports Web-based data entry. GoXML DB works with...

...and transformation tools. A free evaluation version of the product can
be downloaded from the **XML** vendor's Web site.

4/5,K/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01076228   DOCUMENT TYPE: Product

PRODUCT NAME: Sun Multi- Schema   XML   Validator   Schematron   **Preview 1**
(076228

Sun Microsystems Inc (385557)
4150 Network Cir
Santa Clara, CA 95054 United States
TELEPHONE: (650) 960-1300

RECORD TYPE: Directory

CONTACT: Sales Department

Sun Multi- **Schema   XML   Validator   Schematron** Preview 1 from Sun
Microsystems is an add-on to Sun Multi- **Schema   XML   Validator** . The
add-on checks the validity of **XML** documents against RELAX NG **schemas**
annotated with **schematron**   schemas . Developers can then write even the
most complex constraints. The software works with Xalan-Java and
JAXP-compliant **XML** parsers.
DESCRIPTORS: Program Development; Integration Software; Debuggers;
    Language Processors

HARDWARE: Sun; Hardware Independent
OPERATING SYSTEM: Java; Open Systems
PROGRAM LANGUAGES: Java; XML
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Developers
DATE OF RELEASE: 10/2001
PRICE: $0

OTHER REQUIREMENTS: Java Development Kit 1.3+; Sun Multi-Schema Validator
    software required
REVISION DATE: 020327

PRODUCT NAME: Sun Multi- Schema   XML   Validator   Schematron   **Preview 1**
. . .

Sun Multi- **Schema   XML   Validator   Schematron** Preview 1 from Sun
Microsystems is an add-on to Sun Multi- **Schema   XML   Validator** . The
add-on checks the validity of **XML** documents against RELAX NG **schemas**
annotated with **schematron**   schemas . Developers can then write even the
most complex constraints. The software works with Xalan-Java and
JAXP-compliant **XML** parsers.

4/5,K/4
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01016764   DOCUMENT TYPE: Product

PRODUCT NAME: Stilo XMLDeveloper 1.4 (016764)

Stilo Technology Ltd (665665)
Empire House Mount Stuart Sq
Cardiff, Wales, CF1 6DN United Kingdom
TELEPHONE: ( ) 029-20483530

RECORD TYPE: Directory

CONTACT: Sales Department

Stilo Technology's Stilo XMLDeveloper 1.4 is a complete toolkit for
creating, editing, and testing e-commerce applications. It **validates   XML**

at all stages of testing, so programmers find errors early in development. Despite the fact that **XML** is an industry standard, building **XML** **schemas** and applications can still be time-consuming without the use of developers' tools such as Stilo XMLDeveloper. The system can build test messages, provide inline **validation** of elements, display **XML** **schema** along with **XML** messages, and generate compliant **XML** code. Its visualization tools can build graphics describing **XML** **schemas** , detect errors in even the most complex **schemas** , and display underlying levels and **schemas** . Developers can navigate through an application's message and **schema** structures, to rapidly and easily understand its structures. These visualization and testing tools enable e-commerce development teams to improve their productivity and implement rapid prototyping.

DESCRIPTORS: Program Development; Electronic Publishing; Software Testing; Debuggers; Code Generators; Rapid Prototyping; E-Commerce; Documentation Aids; Groupware

HARDWARE: IBM PC & Compatibles
OPERATING SYSTEM: Windows; Windows NT/2000; Solaris
PROGRAM LANGUAGES: XML
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Cross Industry, Government, Integrators, Developers
DATE OF RELEASE: 02/2000
PRICE: Available upon request; includes 60 days support

NUMBER OF INSTALLATIONS: 150
TRAINING AVAILABLE: Training; technical support; support contracts available
OTHER REQUIREMENTS: 64MB RAM; 10MB disk space required
SERVICES AVAILABLE: Consulting
REVISION DATE: 020101

...1.4 is a complete toolkit for creating, editing, and testing e-commerce applications. It **validates** **XML** at all stages of testing, so programmers find errors early in development. Despite the fact that **XML** is an industry standard, building **XML** **schemas** and applications can still be time-consuming without the use of developers' tools such as Stilo XMLDeveloper. The system can build test messages, provide inline **validation** of elements, display **XML** **schema** along with **XML** messages, and generate compliant **XML** code. Its visualization tools can build graphics describing **XML** **schemas** , detect errors in even the most complex **schemas** , and display underlying levels and **schemas** . Developers can navigate through an application's message and **schema** structures, to rapidly and easily understand its structures. These visualization and testing tools enable e...

4/5,K/5

01011797   DOCUMENT TYPE: Product

PRODUCT NAME: XML   **Instance 1.0 (011797**

Spotfire Inc (663174)
212 Elm St
Somerville, MA 02144 United States
TELEPHONE: (617) 702-1600

RECORD TYPE: Directory

CONTACT: Sales Department

XML Instance is a **schema** -driven **XML** business document editor. It is a platform for creating, editing, and managing data-oriented **XML** documents, messages, and configuration files. This is one of the first **schema** -driven

editors for multiple **XML** **schema** dialects. Users can edit and **validate** **XML** business documents that conform to a DTD (document type definition) or **XML** **schema** in any prominent **XML** **schema** dialect. Features of **XML** Instance include **schema** awareness; support for many **schema** dialects, such as **XML** **Schema** (XSDL, April 7); Customizable View--customize the display of internal and trading partner documents to meet the unique needs of business processes; and intuitive editing and navigation.

DESCRIPTORS: Electronic Publishing; Authoring Systems; Standards;
    Middleware; E-Commerce

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX
OPERATING SYSTEM: Windows NT/2000; MacOS; UNIX; Java
PROGRAM LANGUAGES: XML; Java
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet
    Developers
DATE OF RELEASE: 06/2000
PRICE: $99.95; 10-user license - $849.95; 50-user license - $3,995;
    Internet demo available

NUMBER OF INSTALLATIONS: 3000
DOCUMENTATION AVAILABLE: Online documentation
TRAINING AVAILABLE: Training at additional cost; training; Internet
    support
OTHER REQUIREMENTS: Java run-time environment required
SERVICES AVAILABLE: Consulting; conversion
REVISION DATE: 000000

PRODUCT NAME: XML **Instance 1.0...**

XML Instance is a **schema** -driven **XML** business document editor. It is a platform for creating, editing, and managing data-oriented **XML** documents, messages, and configuration files. This is one of the first **schema** -driven editors for multiple **XML** **schema** dialects. Users can edit and **validate** **XML** business documents that conform to a DTD (document type definition) or **XML** **schema** in any prominent **XML** **schema** dialect. Features of **XML** Instance include **schema** awareness; support for many **schema** dialects, such as **XML** **Schema** (XSDL, April 7); Customizable View--customize the display of internal and trading partner documents to...

4/5,K/6
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01011789   DOCUMENT TYPE: Product

PRODUCT NAME: XML **Console 1.0 (011789**

Extensibility Inc (667561)
200 W Franklin St #250
Chapel Hill, NC 27516 United States
TELEPHONE: (919) 969-6500

RECORD TYPE: Directory

CONTACT: Sales Department

XML Console is a comprehensive solution for the project management of a single or a batch of **XML** document file(s)-- **schema** files or **XML** business document files (i.e., instance documents). **XML** Console enables the centralized batch conversion, **validation** , and documentation of **schemas** and **XML** business documents within a workgroup. It gives users a configurable command center for the organization of and subsequent processing of **XML** document files. Organizations can now process a single or groups of **schemas** in all major and emerging **XML** **schema** dialects

including DTD, XDR, SOX v.2, BizTalk, and a subset of **XML   Schema**   (XSDL,
April 7). **XML** Console provides exceptional control for the streamlined
implementation of **XML** initiatives internally and with trading partners.
Key features include project-level management, intuitive graphical
interface, integration with **XML** Authority and **XML** Instance, **validation**
 and conversion, and **SchemaDOC** . **XML** Console 1.0 provides unparalleled
control for a department to implement and manage **schemas** and **XML** -based
assets. The combination of **XML** Console with **XML** Authority, a solution
for the creating, converting, and managing **schemas** , allows full-featured
support for **schema** development and management throughout a workgroup. In
addition, **XML** Console and **XML** Authority coupled with **XML** Instance and
 XML   schema .com provide departments with resources for the development
and deployment of the **XML** infrastructures required to empower today's
e-business.

DESCRIPTORS: Electronic Publishing; Authoring Systems; Project Management;
      Standards; Middleware; Documentation Aids; File Conversion; E-Commerce

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX
OPERATING SYSTEM: Windows NT/2000; MacOS; UNIX; Java
PROGRAM LANGUAGES: XML; Java
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet
      Developers
DATE OF RELEASE: 06/2000
PRICE: $99.95; 10-user license - $849.95; 50-user license - $3,995;
      Internet demo available

NUMBER OF INSTALLATIONS: 1000
DOCUMENTATION AVAILABLE: Online documentation
TRAINING AVAILABLE: Training at additional cost; training; Internet
      support
OTHER REQUIREMENTS: Java run-time environment required
SERVICES AVAILABLE: Consulting; conversion
REVISION DATE: 000000

PRODUCT NAME: XML   **Console 1.0...**

XML Console is a comprehensive solution for the project management of a
single or a batch of **XML** document file(s)-- **schema** files or **XML**
business document files (i.e., instance documents). **XML** Console enables
the centralized batch conversion, **validation** , and documentation of
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including DTD, XDR, SOX v.2, BizTalk, and a subset of **XML   Schema**   (XSDL,
April 7). **XML** Console provides exceptional control for the streamlined
implementation of **XML** initiatives internally and with trading partners.
Key features include project-level management, intuitive graphical
interface, integration with **XML** Authority and **XML** Instance, **validation**
 and conversion, and **SchemaDOC** . **XML** Console 1.0 provides unparalleled
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assets. The combination of **XML** Console with **XML** Authority, a solution
for the creating, converting, and managing **schemas** , allows full-featured
support for **schema** development and management throughout a workgroup. In
addition, **XML** Console and **XML** Authority coupled with **XML** Instance and
 XML   schema .com provide departments with resources for the development
and deployment of the **XML** infrastructures required to empower today's
e-business.

4/5,K/7
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01011771   DOCUMENT TYPE: Product

PRODUCT NAME: Turbo XML 1.0 (011771

Extensibility Inc (667561)
200 W Franklin St #250
Chapel Hill, NC 27516 United States
TELEPHONE: (919) 969-6500

RECORD TYPE: Directory

CONTACT: Sales Department

Turbo **XML** 1.0 is a suite of solutions for the design, implementation,
processing, and management of **XML** initiatives. Turbo **XML** 's suite
includes **XML** Authority, **XML** Instance, and **XML** Console. **XML**
Authority 1.2 is a powerful tool for developing e-business grammars and
XML **schemas** . **XML** Authority supports all major and emerging **schema**
standards to provide adaptive qualities for **XML** deployment with trading
partners. It helps convert existing application and document structures to
schemas , defining the basis for well-formed **XML** documents and enabling
valid **XML** . **XML** Authority uses an intuitive, graphical design
environment. **XML** Instance 1.0 is a **schema** -driven **XML** business
document editor and a platform for creating, editing, and managing
data-oriented **XML** documents, messages, and configuration files. This is
one of the first **schema** -driven editors for multiple **XML**   **schema**
dialects. Users can edit and **validate**   **XML** business documents that
conform to a DTD (document type definition) or **XML**   **schema** in any
prominent **XML**   **schema** dialect. **XML** Console 1.0 is a comprehensive
solution for the project management of a single or batch of **XML** document
files-- **schema** files or **XML** business documents (i.e., instance
documents). **XML** Console enables the centralized batch conversion,
validation , and documentation management of **schemas** and **XML** documents
within a workgroup.

DESCRIPTORS: Electronic Publishing; Program Development; E-Commerce;
     Intranets; Extranets; Middleware; Standards; Authoring Systems;
     Documentation Aids

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX
OPERATING SYSTEM: Windows NT/2000; UNIX; MacOS; Java
PROGRAM LANGUAGES: XML; Java
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet
     Developers
DATE OF RELEASE: 06/2000
PRICE: $269.95; 10-user license - $2,399.95; 50-user license - $11,499;
     Internet demo available

NUMBER OF INSTALLATIONS: 5000
DOCUMENTATION AVAILABLE: Online documentation
TRAINING AVAILABLE: Training; Internet support
OTHER REQUIREMENTS: Java run-time environment required
SERVICES AVAILABLE: Consulting; conversion
REVISION DATE: 020101

PRODUCT NAME: Turbo XML 1.0...

document editor and a platform for creating, editing, and managing
data-oriented **XML** documents, messages, and configuration files. This is
one of the first **schema** -driven editors for multiple **XML** **schema**
dialects. Users can edit and **validate** **XML** business documents that
conform to a DTD (document type definition) or **XML** **schema** in any
prominent **XML** **schema** dialect. **XML** Console 1.0 is a comprehensive
solution for the project management of a single or batch of **XML** document
files-- **schema** files or **XML** business documents (i.e., instance
documents). **XML** Console enables the centralized batch conversion,
validation , and documentation management of **schemas** and **XML** documents
within a workgroup.

4/5,K/8
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00120443   DOCUMENT TYPE: Review

PRODUCT NAMES: XML   **(837709**

TITLE: XML **Stumbling Blocks**
AUTHOR: Lattig, Michael
SOURCE: InfoWorld,   v21 n47 p34(2) Nov 22, 1999
ISSN: 0199-6649
HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

XML is a tagging language that lets data be exchanged among different
systems and enterprises, so its potential is significant. Both Microsoft
and Oracle are pursuing it to refine it on their own terms. **XML** was
designed to define data, which means data needs to be formatted to enable
communications. Microsoft created BizTalk, a framework for developing **XML**
schemas that are an integral part of any **XML** implementation. Oracle,
has been partnering with Ford Motor to develop the standard for Ford and
its affiliates. Each is taking a lead in developing widespread use of **XML**
. Although **XML** standardizes data exchange, it is not a plug-and-play
tool, for it requires the same format at both ends of a communications
channel, otherwise, **validation** is required. Critics have charged that
Oracle and similar entities should help develop useful formats for specific
industries, instead selectively working with one firm such as Ford. IBM's
chief **XML** and Java 'evangelist,' Simon Phipps, says **XML** 's 'greatest
asset' is not so much its extensibility, but lies in its openness for
transformation. 'Different flavors of **XML** ' should emerge, not just one.

COMPANY NAME: Vendor Independent   (999999)
DESCRIPTORS: Document Management; Electronic Publishing; Standards; **XML**
REVISION DATE: 20000130

PRODUCT NAMES: XML   **(**

TITLE: XML **Stumbling Blocks**

XML is a tagging language that lets data be exchanged among different
systems and enterprises, so...

...significant. Both Microsoft and Oracle are pursuing it to refine it on
their own terms. **XML** was designed to define data, which means data needs
to be formatted to enable communications. Microsoft created BizTalk, a
framework for developing **XML** **schemas** that are an integral part of any
XML implementation. Oracle, has been partnering with Ford Motor to develop
the standard for Ford and its affiliates. Each is taking a lead in
developing widespread use of **XML** . Although **XML** standardizes data
exchange, it is not a plug-and-play tool, for it requires the same format

at both ends of a communications channel, otherwise, **validation** is
required. Critics have charged that Oracle and similar entities should help
develop useful formats for specific industries, instead selectively working
with one firm such as Ford. IBM's chief **XML** and Java 'evangelist,' Simon
Phipps, says **XML** 's 'greatest asset' is not so much its extensibility, but
lies in its openness for transformation. 'Different flavors of **XML** '
should emerge, not just one.

DESCRIPTORS: Document Management; Electronic Publishing; Standards; **XML**
?

6/5,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00131813   DOCUMENT TYPE: Review

PRODUCT NAMES: XML   **(837709);**   XML   Schema   **(844411**

TITLE: XMLegant Answers: The   Schema   **Is the Thing**
AUTHOR: Trippe, Bill
SOURCE: TRANSFORM Magazine,   v10 n6   p31(2) Jun 2001
ISSN: 1534-2832
HOMEPAGE: http://www.transformmag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

 eXtensible   Markup Language (**XML**) **schemas** in time will replace
document type definitions (DTDs) and will give programmers new powers that
are important in new enterprise infrastructure. DTDs and **XML** data
structures both provide a way to declare syntax and a method of data
typing. The **XML**   **schema** proposal that is now being evaluated at the
proposed recommendation stage by the World Wide Web Consortium (W3C) adds
some new and important abilities that give programmers many data-typing
features used with programming for databases. **Schemas** provide developers
with more powerful tools for determining the **validity** of an **XML**
document or dataset. Creative developers can build tools for everyday
needs, such as editing data securely, loading data into different
databases, or mapping **XML** data to another, associated **schema** . **XML** 's
future is in how data flows between systems, while **schemas** and mapping
methods will be the enabling tools. Developers already have several tools
available, including Whitehill's Composer, and XSLT (eXtensible Stylesheet
Language Transformations) for creating basic and elaborate scripts.
Internet-ready enterprises center around flow of data between system, so
XML and **XML**   **schemas** are the cornerstones of the new enterprise.
Several companies are trying to make **schema** structure more compatible
with applications and databases, including TIBCO, the developer of the
Schema Adjunct Framework structure.

COMPANY NAME: Vendor Independent   (999999)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Communications Standards; Electronic Publishing; **XML**
REVISION DATE: 20010930

PRODUCT NAMES: XML   **(...**
...837709);   XML   Schema   **(**

TITLE: XMLegant Answers: The   Schema   **Is the Thing**

...basic and elaborate scripts. Internet-ready enterprises center around
flow of data between system, so **XML** and **XML** **schemas** are the
cornerstones of the new enterprise. Several companies are trying to make
schema structure more compatible with applications and databases,
including TIBCO, the developer of the **Schema** Adjunct Framework structure.

DESCRIPTORS: Communications Standards; Electronic Publishing; **XML**

6/5,K/2
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00126952   DOCUMENT TYPE: Review

PRODUCT NAMES: XML   (837709); **Microsoft BizTalk   (741281**

TITLE: XML   Schemas **Let Diverse Apps More Easily Share Data**
AUTHOR: Kiely, Don
SOURCE: Information Week,   v808   p142(2) Oct 16, 2000
ISSN: 8750-6874
HOMEPAGE: http://www.informationweek.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Microsoft BizTalk's core service is based on **eXtensible   Markup** Language
(**XML**) used with document-type definitions (DTDs) and **XML   Schemas** to
provide a tagging method for description of data structures and rules that
govern the ways in which data can be used. The method allows different
applications running on mixed platforms, which can even be in different
companies, to more easily share and exchange data. **XML   Schemas** are
especially important for linking different systems because the provide
rules that allow precise data transformation between different applications
and systems. BizTalk acts as a repository for **XML   schema** definitions
that are akin to DTDs, which are optional for **XML** data, but permit data
to be checked for **validity** . Therefore, data's structure is fully
compatible with rules defined in the DTD. Many industry groups have created
coalitions to define industry-specific DTDs that will ensure easier data
exchange. One such group is Open Philanthropy Exchange, which developed the
OPX specification for data transfer an permits charitable organizations to
communicate data in a universal language. Among topics covered are the need
to publicize an industry-specific DTD and to make the DTD easy to share,
the roles of repositories, and Oasis, a BizTalk rival, which accepts
submissions for **XML** specifications, **schemas** , and vocabularies.

COMPANY NAME: Vendor Independent   (999999); Microsoft Corp   (112127)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Integration Software; Middleware; **XML**
REVISION DATE: 20010228

PRODUCT NAMES: XML   (

TITLE: XML   Schemas **Let Diverse Apps More Easily Share Data**
Microsoft BizTalk's core service is based on **eXtensible   Markup** Language
(**XML**) used with document-type definitions (DTDs) and **XML   Schemas** to
provide a tagging method for description of data structures and rules that
govern the...

...platforms, which can even be in different companies, to more easily
share and exchange data. **XML   Schemas** are especially important for
linking different systems because the provide rules that allow precise data
transformation between different applications and systems. BizTalk acts as
a repository for **XML   schema** definitions that are akin to DTDs, which

are optional for **XML** data, but permit data to be checked for **validity** .
Therefore, data's structure is fully compatible with rules defined in the
DTD. Many industry...

...to share, the roles of repositories, and Oasis, a BizTalk rival, which
accepts submissions for **XML** specifications, **schemas** , and vocabularies.

DESCRIPTORS: Integration Software; Middleware; **XML**

6/5,K/3
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00119881   DOCUMENT TYPE: Review

PRODUCT NAMES: eXcelon 2.0   (730076)

TITLE: eXcelon Leverages Legacy Data with XML
AUTHOR: Borck, James R
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RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

eXcelon 2.0 from Object Design Incorporated combines an **XML** data server
with integrated caching technology that provides a scalable middleware
solution to improve data availability to enterprise applications and Web
servers regardless of format. eXcelon is an object-oriented database
management system that assures high availability of data resources, and by
parsing and storing data as **XML** , there is a hierarchy of persistent,
discrete objects in its repository, the **XML** Store, which can be indexed
and queried using **XML** . Because of it cache-forwarding architecture,
eXcelon has improved server performance and ensures the integrity of data
across multiple applications and the caches can be distributed across
multiple machines to improve load balancing. The XQL Query Wizard allows an
easy way to generate queries of the **XML** Store, but eXcelon requires all
validity checking to be handled externally because it has not evolved
beyond rudimentary parsing of documents in **XML** . eXcelon 2.0 also includes
Studio, a development environment for defining **XML**   **schemas** .

PRICE: $995

COMPANY NAME: Progress Co (436461)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Fault Tolerance; Middleware; Network Servers; Program
    Development; System Performance; Web Servers; **XML**
REVISION DATE: 20030130

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